GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Water Resources Department – IOCL – Laying of 12" dia underground Steel Pipeline along with 125 mm Medium Density Poly Ethylene (MDPE), 100mm Optical Fiber Cable (OFC) Duct for public utility "City Gas Distribution (CGD) across KC Canal/Tungabhadra / Okkeravagu/Hundri River by Horizontal Directional Drilling (HDD) method" in Kurnool District by Indian Oil Corporation Limited - Permission Accorded –Orders – Issued.

WATER RESOURCES (REFORMS) DEPARTMENT

G.O.Rt.No. 322 Dated:13.07.2023

Read the following:

1. G. O.RT.No 251,W.R.(Reforms) Dept, Dt 09-05-2019.
2. G.O.Ms.No. 01, W.R(Reforms) Dept, Dt 02-01-2020.
3. C.E (P), Kurnool, Lr. No. CE/KNL/ICD32-TW/IOCL/160/ DEE/AEE6 (2057375), Dt 26-04-2023.
4. G.O.Ms.No 40, W.R(Reforms) Dept, Dt 02-09-2020.
5. From the ENC (I), WRD Lr. No. ENC (I)/EE/DEE1/AEE2/IWS (IOCL Kurnool), dt. 16-05-2023.

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O R D E R:

In the letter 5th read above, the Engineer-in-Chief (Irrigation), Water Resources Department, Vijayawada has recommended the proposal for according permission to the Indian Oil Corporation Ltd. (IOCL) for "laying of 12" dia underground steel pipeline along with 125 mm Medium Density Poly Ethylene (MDPE),100mm Optical Fiber Cable (OFC)for public utility " City Gas Distribution(CGD) across Tungabhadra, Hundri and Okkeravagu by HDD (Horizontal Directional Drilling) method" under the jurisdiction of Irrigation Circle, Kurnool based on the report of the Chief Engineer(P), Kurnool. The Engineer- in-Chief (Irrigation) has also furnished the following details of proposed pipeline crossing points and the details of the lease amounts and Security Deposits (BG-Refundable) for the crossings pertaining to respective divisions to be paid by the IOCL which are calculated as per the existing orders issued in the GOs' 1st and 2nd read above:

A. K.C.Canal Division, Nandyal : (3 crossing locations)

I. K.C Canal at Km 22.500 in Mamidalapadu Village, Kurnool District
II. K.C.Canal at Km 27.400 in Kurnool Urban, Kurnool District
III. K.C.Canal at Km 30.000 in Kurnool Urban, Kurnool District

- **Protection Works Division, Kurnool : (3 crossing locations)**

I. Tungabhadra River crossing Location at NH-44 Bridge downstream at Gangamma Temple in Panchalinga Village in Kallur Mandal, Kurnool District.
II. Okkeru Vagu crossing Location at NH-44 Bridge downstream at Indian Oil Petrol pump in Kallur Village in Kallur Mandal, Kurnool District.
III. Hundri River crossing Location at NH-44 Bridge downstream at Govt. Veternity Hospital in Kallur Village in Kallur Mandal, Kurnool District.

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B. The details of the lease amounts and Security Deposits (BG-Refundable) for the crossings pertaining to respective divisions:

Name of the Division	Lease amounts for 10 years (Non –Refundable)	Security Deposits(BG-Refundable)
K.C.Canal Division, Nandyal (Annexure I & II)	Rs 15,12,927/-	Rs 24,90,156/-
Protection Works Division Kurnool (Annexure I & II)	Rs 4,07,548/-	Rs 1,15,59,901/-
Total Amount	**Rs 19,20,475/-**	**Rs 1,40,50,057/-**

2. Under the circumstances explained in the letter 5th read above, the Engineer-in-Chief (Irrigation), Water Resources Department, Vijayawada has requested the Government to accord necessary permission to the Indian Oil Corporation Limited for laying of 12" dia underground Steel Pipeline along with 125 mm Medium Density Poly Ethylene (MDPE), 100mm Optical Fiber Cable (OFC) Duct for public utility "City Gas Distribution (CGD) across KC Canal/Tungabhadra / Okkeravagu/Hundri River by Horizontal Directional Drilling (HDD) method" in Kurnool District for the proposed location of river crossings and calculations for lease amounts mentioned at above para and subject to the following terms and conditions to be implemented for laying Pipeline:

1) The IOCL Authorities has to pay Security Deposit (BG-Refundable) for an amount of Rs 1,40,50,057/-(Rupees One Crore Forty Lakhs Fifty Thousand and Fifty Seven only) in favour of Superintending Engineer, Irrigation Circle, Kurnool before commencement of work for 3 crossings under Executive Engineer, K.C Canal Division, Kurnool and 3 crossings under Protection Works Division, Kurnool.
2) The firm has to pay the Lease amount of Rs.19,20,475/-(Rupees Nineteen Lakhs Twenty Thousand Four Hundred and Seventy Five Only) for the above said crossings, for 10 years (Non Refundable) in advance to the Government in favour of Superintending Engineer, Irrigation Circle, Kurnool as long as the agreement of lease is in force. The details for arriving Lease amounts is annexed in the booklets 1& 2 respectively.
3) The IOCL shall deposit an amount of Rs 33,50,000/-(Rupees Thirty Three Lakhs Fifty Thousand only)to carry out the rectification/ improvements to irrigation sources during laying of Pipeline by way of Demand Draft (Non Refundable) in favour of Superintending Engineer, Irrigation Circle, Kurnool for 3 Nos of Major crossings under of K.C. Canal Division, Nandyal.
4) The IOCL authorities shall hand over the Demand Draft/Bank Guarantee to the Superintending Engineer, Irrigation Circle, Kurnool and get permission to execute the work well in advance.
5) Water Resources Department reserves right of denial of crossing to the IOCL, if it is found to be causing any sort of damage to the structural stability and hindrance to flow of water bodies or minor irrigation sources at the point of crossings.
6) The IOCL authorities should execute the crossing work without altering any natural profile and the existing hydraulic particulars of the irrigation water bodies/rivers/canals/streams/drains.
7) After execution of the work, the IOCL authorities should restore irrigation water bodies /rivers/canals/streams/drains to the original position as directed by the Engineers of Water Resources Department.

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8) The W.R. Department reserves the right of modification/alteration/ up gradation of the Department's property without the consent of IOCL and the company authorities should oblige the same without any changes.
9) The pipeline shall be laid duly maintaining a minimum of 2.0 M to 2.50M clear cushion from the ground or below designated bed level of the channel, canals and drains at crossings.
10) The pipeline should be laid preferably by Horizontal Directional Drilling (HDD) method for major rivers having bed width more than 7m without disturbing the existing embankments.
11) During laying of the pipes, if the canal and rivers prism or banks are disturbed, the firm is liable for restoration of canals to its original standards with their own cost and as directed by the Engineer-in-charge of the Department.
12) If any damage is caused to crop or habitations in the vicinity, the sole responsibility shall lie with the applicant firm and adequate compensation should be paid by the firm to the Farmers or people affected with the damage.
13) After laying the pipeline, the canal should be restored to its original standards and No Objection Certificate (NOC) may be obtained from the concerned officials of Water Resources Department to get release of the Security Deposit.
14) Safety of the pipelines laid is the sole responsibility of the Firm (IOCL).
15) After execution of laying of the pipeline, proper compaction is to be done and bank is to be restored to designated profile.
16) Any other conditions if found necessary by the Water Resources Department after according permission, the same should be abide by the applicant.
17) While execution of the work, proper care is to be taken for protecting the salient features of the Canals/Channels/Drains. In case of any damage caused to any Irrigation System, the same should be restored immediately by reconstruction of the same at the cost of the IOCL to the required standards.
18) There shall not be any obstruction for the free flow of the water/Navigation during the execution of the work or after the completion of the work.
19) The firm has to intimate 15 days before the commencement of work and the work has to be done under the close supervision of Departmental staff only.
20) The permission accorded shall be liable to cancel at any time, when the situation demands any objections raised from the Ayacutdars without any prior notice and the IOCL., have no right to claim any compensation in this regard.
21) During the execution and while open excavation in the river course, necessary diversion arrangements are to be made for the free flow of water in the river.
22) While doing excavation of trenches with earth moving machinery, the soil is to be dumped away from the water body's bed.
23) Similarly refilling of trench after erection of pipeline and OFC cable laying shall be carried out without obstructing the flow in the water bodies.
24) The run-off yield through Nalas, Drains, Rivers to the water bodies under Water Resource Department should neither be diverted nor percolated into pipeline trenches.
25) The excavation of trenches must be well beneath the bed of Nala at crossings.
26) The pipeline alignment should not block the discharge of flow in the Nalas or supply channels.

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27) The applicant has to construct the required structures with his own expenditure and not to claim rights either on the structure or on the extent of course & area occupied by the structures. The approach crossing is under the control of Water Resources Department , GoAP only.
28) Any damage caused to Government properties should be rectified by the IOCL Authorities at their own cost.
29) The IOCL Authorities should not make any alterations of the proposals without the consent of Water Resources Department.
30) The Water Resources Department is no way responsible for any legal complications arising out of by public or other on the above work operations of the firm.
31) If any modification is required for the pipeline in future due to development activity in the delta system, the IOCL shall carry out the modification for the pipeline at their own cost to the satisfaction of the Department.

3. Government after careful examination of the matter, hereby accord permission to the Indian Oil Corporation Limited for laying of 12" dia underground Steel Pipeline along with 125 mm Medium Density Poly Ethylene (MDPE), 100mm Optical Fiber Cable (OFC) Duct for public utility "City Gas Distribution (CGD) across KC Canal /Tungabhadra /Okkeravagu/ Hundri River by Horizontal Directional Drilling (HDD) method" in Kurnool District for the proposed pipeline crossings and the calculations for lease amounts for the said crossings mentioned at (A) & (B) at para-(1) above and subject to the terms and conditions as mentioned at para-(2) above.

4. The Engineer-in-Chief (Irrigation), Water Resources Department, Andhra Pradesh, Vijayawada and the Collector & District Magistrate of Kurnool District and the Chief Engineer(P), Kurnool shall take necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SHASHI BHUSHAN KUMAR
PRINCIPAL SECRETARY TO GOVERNEMNT

To
The Engineer-in-Chief (Irrigation), Water Resources Department,
Andhra Pradesh, Vijayawada.
The Collector & District Magistrate, Kurnool District.
The Chief Engineer(P), Kurnool .
The Manager, Indian Oil Corporation Limited, City Gas Distribution, Vishnu Sai Enclave, 3rd Floor, Venkat Ramana Colony, Kurnool-518 003.
The District Authority, District Pollution Control Board, Kurnool District.

Copy to:
The P.S. to Hon'ble Minister for Water Resources.
The P.S. to the Principal Secretary to Government, Water Resources Dept.
The Superintending Engineer, Irrigation Circle, Kurnool.
SF/SC.

//FORWARDED::BY ORDER//

P. K. Bhaumik
SECTION OFFICER.